

the CARRIER



ARRL SPECIAL SERVICE CLUB

Volume XXXIX - Issue 11 - November 1992

Editor - Greydon H. Hicks, KC6SLE

Distribution: Jay Caldis, KT6Y, Walt Ebbett, KB6QIB,
and George Jones, KI6YK

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1993 MDARC OFFICER ELECTIONS

Don't forget that November is election month for MDARC too! The October Carrier included your ballot for nominees or if you choose, write in candidates. Ballots can be turned in at the November general membership meeting or mailed to Larry Gansz, KB2GV, at 1734 Elm Road, Concord, CA 94519. Ballots must be received by no later than the close of the general membership meeting on Friday, November 20, 1992, Our Savior Church, 1035 Carol Lane, Lafayette.

THANK YOU

PACIFICON "92

COMMITTEE!!!

PACIFICON HUGE SUCCESS Club Membership Made It Happen

The first Pacificon sponsored by the Mount Diablo Amateur Radio Club was a huge success, largely because of the tremendous support it was given by the club membership. Estimates of attendance vary from 2,100 to 2,300. The exhibitors just about sold out of items to sell and the Saturday night banquet overflowed the room. Technical sessions were of the highest quality and all-in-all, things couldn't have been better. But it wouldn't have happened if the membership had not given 110% support to it.

In trying to list all of the names of people who worked the convention, the list is a bit like the entire membership directory. There is a real danger that someone will be left out in summarizing these people, so if you are omitted, please forgive me. And many people worked in more than one area; I have listed these folks only once.

The hard core committee consisted of Pete, N6QGN; Dick, AA6DL; Lauren, WA6CIE; Dwane, N6SPX; Keith, N6PMF; Walt, KB6QIB; Tim, WD9BIV; Paul, WB6DHH; Jim, KC6SOE; Mike, KB6RMT; Dick, KT6X; George, KI6YK; Larry, W6CPO; Jay, KT6Y; and Richard, WA5HQJ. Close behind them were Linda, N6SCR; Ray, N6RBY; Ray, KD6BLS; Don, N6SIA; Paul, KC6TZU; Dennis, KC6QHH; and Vicki, N6KLS.

The group that worked with the Exhibitors included Brad, K6JPR; Greydon, KC6SLE; Russ, KA6FOY; Jeffrey, G7ILM; Dick, KJ6YE; Val, N6VIF; John, KB6MXR; Don, K7SDF; and Emmanuel, KC6RUF.

Others that worked with me included Bill, KB9M; Pete, KA6SHE; Kent, KD6JAC; Marc, KD6IZX; Harry, AA6OX and Karen, KC6YXY.

People that worked with Dick, KT6X; included Jane, N6NVA; Doris, KC6SUA; Joanne Brown; Joe, WA6DQN; Bert, KB7BGM; Liz Styles, Stan, WU6P; and Dave, KA6MCC.

Four special people should be mentioned. One is Rufus, N6NFR, another, mentioned above, is Greydon, KC6SLE. Rufus was of enormous help in keeping the signs straight, working with Pete, N6QGN, as well as standing guard to our office area when the lock broke. Greydon was a 'shadow' to me, and did so much to help to make things go well. The third and fourth were Joyce Shappee and Debby Tormey, without whose patience it would not have been possible for Pete and me to do what had to be done.

At the Swap Meet, workers included Barry, KC6WYA; Rusty, KC6WXX; Dave, KC6YFJ; Gill, KC6UDJ; Jeff, AB6MB; Bruce, KC6MNN; Tom, KC6SYG; and Joel, KM6KS.

The entire convention was video-taped. The crew included Bob, N6UTX; Wende Williams; Ron, WD6DSU; Dan, AA6DO; Clay, N6YBQ; Don, W6NKF; Marvin, WA6NQR; Dick, WA6UKA; and Barry KE6YD. The Solano VE group has been thanked in another article in the "Carrier". One of the MDARC's members who worked both days with them was Carson; K6TI.

Again, many of the people mentioned under one category worked in others; they are named only once, but we appreciate their multi-faceted service. And if you are not mentioned above, and you worked the convention, please accept my apology. I tried to keep it straight, and your efforts are truly appreciated.

AND WE WILL SEE YOU AT PACIFICON '93!

Richard Shappee, WA5HQJ

RRRG MEETING THIS MONTH!

Don't forget the Rocky Ridge Repeater Group Meeting this month! Its election time and if your not there, who knows what office you'll be elected to. So come to the meeting and defend your right to refusal or, better yet, serve as an officer for 1993. Mr. Girard will start the meeting at 8:00 p.m. sharp, so don't be late. The meeting will be at the Contra Costa Fire College, 2945 Treat Bld., Concord on Wednesday, November 18, 1992.

MEMBERSHIP DIRECTORY UPDATE

by George Jones, K16YK

Mount Diablo Amateur Radio Club is pleased to welcome the following new members:

COLLINS, Dennis G.: K8IFB, Advanced
2841 Kinney Dr., Walnut Creek, CA 94595
(510)939-2006(h), (510)486-7859(w)

GEE, Mike: WB6JGW, General
241 Conifer Terrace, Danville, CA 94508
(510)736-0821(h), (510)277-5558(w)

HEARN, Ed: KD6CJD, General
3306 Cowell Rd., Concord, CA 94518
(510)874-8571(h), (510)825-8200(w)

KEELEY, Jason: KD8LUC, Technician
519 La Vista, Walnut Creek, CA 94598
(510)-945-8599(h)

LORENSON, Don V.: KD6CVJ, General
292 Evelyn Way, San Francisco, CA 94127
(415)-333-1033(h & w)

PITTS, Robert L.: KD6HMZ, Technician; P.O. Box 5048,
Nigeria Pouch, San Ramon, CA 94583

RIGOR, Rusk: KD6KGY, Technician
1804 Lynwood Dr., Concord, CA 94519
(510)682-5054(h)

SPICER, William: KD6NYY, Technician
P.O. Box 383, Camptonville, CA 95922
(916)288-0312(h)

SUSZTAR, Ron: N7TVE, Technician
365 Reflections Cir. #28, San Ramon, CA 94583
(510)866-1338(h), (510)785-8200(w)

Congratulations to the following on their upgrade and/or new call:

Rufus Bryant: General
Steven Keiser: Technician, KD6NNN
Louis Matzone: Technician, KD6MFV
Dwane Mc Glothin: Extra
Sally Nikkel: Advanced

Please note the following changes:

Steven and Ron Keiser's new address is 4407 Burney Wy., Fremont, CA 94538
Ken Desloover's new address is 4700 Trail Wood Cir. N., Midland, MI 48642-6833

MDARC MEETING VISITOR

We were very pleased to be able to welcome to our October General Meeting James Linn, KD6IAG, 2570 Bantry Ln., South San Francisco, CA 94080

IT'S COMING

Be on the lookout for your **MDARC 1993 dues notice** which will be mailed to you at the end of this month. Please plan to send in your 1993 dues as soon as you receive your notice. That way you aren't likely to forget or misplace it.

**PRIMOS FOR
EDUCATION
RUNS**

Before sunrise on Sunday, October 11th, five members of the Sheriff's Uniformed Amateur Radio Unit assembled at either the Danville or San Ramon Police Departments to assist those departments in handling safety and welfare traffic in support of the Primos For Education Runs.

This event was actually three runs - a half-marathon starting in downtown Danville and ending at the San Ramon Community Center; a 5K run and a 10K run starting and ending also at the San Ramon Community Center. 3800 runners participated in this triple event which provided some interesting communications and vehicular management challenges. Fortunately, there were no major problems on any of the runs and communications was handled on W6CX 2-meters.

Supporting Danville P.D. were Cadets Allie Daneman, KD6LYM and Pavan Gill, KD6MFL. Supporting San Ramon P.D. were Reserve Deputies Derek Brown, N6CUK; Brian Coyne, AA6NM; and Steve Donovan, WB6SAI (net control).

Thanks for a great job!

- Steve Donovan, WB6SAI

DON'T FORGET THE MDARC GENERAL MEMBERSHIP MEETING ON FRIDAY, NOVEMBER 20, 1992, AT 8:00 P.M., OUR SAVIOR LUTHERAN CHURCH, 1035 CAROL LANE, LAFAYETTE!

MT. DIABLO AMATEUR RADIO CLUB
CHRISTMAS PARTY

The Christmas party is for the entire club family. Plan now to attend. Send in your Reservation Form now.

DATE: Friday December 18, 1992
TIME: Doors open at 6 P.M.
Dinner served at 7 P.M. Sharp.
PLACE: Our Savior Lutheran Church
1035 Carol Lane, Lafayette.

MENU: This will be a catered traditional turkey dinner to include Green Salad w/dressing, Hot Turkey Breast, Stuffing, Turkey Gravy, Candied Yams, Cranberry Sauce, Rolls, Pumpkin Pie w/Whipped cream and Beverages. Dinner service supplied.

COST: \$7.75 each adult (incl. tax). Children under 12 years \$3.90 each. Liquor is not permitted in the Church Social Room.

After dinner, Santa will distribute gifts and candy canes to the children, followed by the installation of the 1993 Club Officers, the Presentation of Club Awards, Door prizes. (Everyone will receive a free prize ticket).
Remember to bring a gift for Santa to give your child.
Remember to wear your name badge and bring your camera.

Talk-in frequency W6CX 147.06/+

RESERVATIONS WILL NOT BE ACCEPTED AFTER DECEMBER 11, 1992

Mail to: George Roush (WB6OFH), 2116 Athene Drive, Concord, 94519

Reservation Form for Club Christmas Party

Name(s) _____ Call Sign _____

Address _____ City _____ Zip _____

Telephone () _____

Reservation is for: #Adults _____ #Children under 12 _____

Total payment enclosed: \$ _____ (must be included)

Make checks payable to MDARC

Hams Participate in Walnut Festival Coathanger is Key to Problem

The annual 5K and 10K Walnut Festival run was held on September 13.

Hams who participated in providing communications for the event included Dick KT6X, Jay KT6Y, Dick AA6DL, Richard WA5HQJ, Don KC6SDF, Jim N6BHX, Stan WU6P, Steve WB6SAI, Ross KC6OYZ, and Doris KC6SUA.

Although no emergency communications were required, the highlight of the day occurred when one of the ham

participants, who shall go nameless (Jay asked that we not say that it was he), managed to lock his keys in his car. Amid all of the participants cooling down, members of the ham group could be seen heating up as they fished a wire through the window and snared the keys. But all is well that ends well.

The hams each received a handsome T-shirt in appreciation for their fine efforts as well as their own feeling of satisfaction that goes with participation in a public event.

Richard Shappee, WA5HQJ

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MDARC Board of Directors Minutes

The Meeting was held on Tuesday October 20 at 7:30 PM at the home of Pete Tormey N6QGN.

Board members present where President Pete Tormey, Vice President Richard Shappee, Treasurer Stan Christian, Directors Larry Gansz and Dick Brown.

The minutes of the last board meeting where approved with one spelling correction and the correction that the Carrier would be limited to 5 pages plus inserts.

The Vice President reported that the January meeting will be the human powered submarine the "Sub Human II".

The treasurer passed around the current bank statement and budget review. All budget expenditures are in line.

With the addition of 6 people who joined at PACIFICON, the membership is now at 486.

Elections are to be held at the November meeting. Richard Shappee and Dick Brown will collect and count the ballots.

The board authorized \$100 to be spent for club awards this year.

The club now owns the 72 T-shirts approved at the August meeting. Twenty four (24) of the shirts will be given to our guest speakers, the remainder will be sold to members.

A lengthy discussion was held regarding PACIFICON '92. PACIFICON was a tremendous success! Ticket sales were approximately 2400. Exact financial figures are not yet available. The MDARC board of directors extends its sincerest thanks to everyone who helped.

There is a great interest in MDARC holding PACIFICON '93. Since a convention as large as PACIFICON must start planning now, the board has asked the PACIFICON committee to make an immediate recommendation for PACIFICON '93. The incoming MDARC board members will be invited to attend the next board meeting to review plans for PACIFICON '93.

It was moved and passed that a vote be held to approve spending for PACIFICON '93. The board would like the PACIFICON '92 committee to return the \$3,600 it used to finance PACIFICON '92 along with an additional 10%. The remaining funds are to be used by the PACIFICON '92 committee to begin work on PACIFICON '93. The vote will be called for at the November meeting.

Under new Business Dick Brown asked the board if he could become trustee of MDARC's second club call sign W6LGW. The board agreed and Dick will file the paperwork.

The next board meeting will be MONDAY November 23 at Larry's KB2GV.

Pete Tormey, N6QGN

MDARC ANNUAL CHRISTMAS PARTY ALERT!

Make your MDARC Christmas dinner reservations early! With a club membership closing in on 500 and seating limited by the Fire Marshall to 250, tickets will be gone in a hurry. Don't do like so many did at Pacificon banquet; wait until the last minute and miss out. Reservations will be on a first come, first serve basis. Your check must be received before reservations will be accepted and by no later than December 11, 1992. Your dinner ticket will make you eligible for many fantastic door prize drawings and a fun filled evening for the whole family. See you there.

SEPTEMBER CLUB AUCTION IS SUCCESS

It wasn't the biggest auction ever held by the Mt. Diablo Amateur Radio Club, but it was still "a success," said Paul Girard, Auction Committee Chairman. The sale netted the club just a little over \$500 which will go to the education fund and may also be used toward repeater repairs and insurance.

Auctioneers Dennis Fuller and Art Mayoff, assisted by Girard, kept the action lively.

"The club auction is exactly as successful as club members make it," Girard commented. "It is members, and guests, who bring equipment to be auctioned and who buy equipment put on the block. You have to remember that this is an entirely volunteer effort, from picking up donated equipment to tagging it, bringing it to the auction, and then getting it moved around for sale," Girard said. "I am disgusted with club members who come into the hall, take one look around well before the auction and announce, 'There is nothing here,' " and then walk out before the first gavel," Girard said. "We don't need those people as club members, and frankly, they are not welcome at the auction or other club activities."

The auction is a fun highlight of the MDARC activities. There are bargains for everyone, and plenty of laughs. The next auction will be held in April.

Others who make the auction a success include Dick Brown, KT6X, who does the computer programming to keep track of a couple hundred sales a night; Dick Schulze, KT6Y, who assists with storage technicalities and treasury operations; Stan Christian, WU6P, the club treasurer who makes sure everyone gets what's coming to them; Walt Ebbett, KB6QIB, a tag tracker; Jay Caldis, KT6X, who pesters for tags from the auctioneer and bitches because he couldn't look up from his work to bid;

Jane Walker, N6NVE, who holds hands with hams who spent more than they came with, and a host of others. They include Lauren and Elizabeth Styles (WA6CIE and XYL) and of course George Roush, WA6OFH, who assures that nobody goes thirsty or hungry, or that Laney College doesn't get left out of the disposition of what's left over.

And, for the naysayers.....the auction committee reports EVERY ITEM offered for sale was sold. So put that in your linear and smoke it!

by Paul W. Girard
Auction Chairman, KC6TZU

Walnut Creek Police Conduct Simulated Emergency

The simulated emergency conducted on October 22, 1992, by the Walnut Creek Police Department assumed that a magnitude 7.5 earthquake had damaged a wide spread area. Mutual aid was not available and fires were burning in five city locations. MDARC members participating in the test include Richard, WA5HQJ; Jim, KA6IVF; Joe, WA6DQN; Skip, KC6JEM; Dwayne, W6LKE (who made contact with San Diego a station on HF as part of the scenerio) and Steve, WB6SAI. Frank, N6GQ, participated from his Rossmoor location.

The main thrust of the exercise was to test communications. The amateur group made contact with John Muir and Kaiser Hospitals. Because of the few hams that could participate, it was necessary to dispatch people to the hospitals where they made contact with the hospital authorities.

The exercise was termed a success at the de-briefing which also included a light lunch. The tests and the lunch are a regular yearly event in Walnut Creek.

Richard Shappee, WA5HQJ

M.D.A.R.C.
Twenty Five Years Ago
by Walt Ebbett, KB6QIB

It was reported that the Treasurer was not present at the Board Meeting so the bank balance was intact.

W6CX repeater operated on 147.8 input and 146.94 output.

Dave Bradley, Bob Kell W6PJT, Bob Schwartz, Dave Domes W6LNK, Wendell Petersen K6POU and Don Schelalsseo WA6UFW helped at the Air Races at Buchanan Field last month.

Fourteen MDARC members helped with communications at the Walnut Festival.

Walter W. Ebbett, Jr. KB6QIB

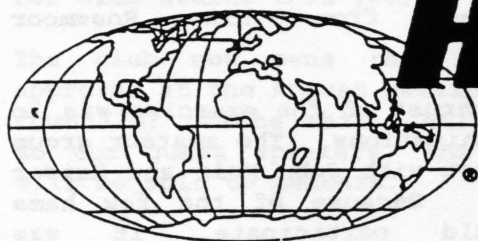
Pacificon VE Exams a
success

The Solano VE Team conducted
the ARRL VE exams at

Pacificon. Jerry Newton AA6NO brought his VE team to the convention and they gave exams on both days. Jerry fielded a team of 15 examiners including five MDARC members. They did an excellent job giving over 70 tests on Saturday and many more on Sunday. They were a very professional group, Dressed in their blue jackets (with Pacificon patches). The Convention was a big undertaking. Giving exams in such an environment requires a lot of man power. Without their participation there would have been a void at the convention. The MDARC Thanks Jerry and his group for a job well done.

Jay D. Caldis KT6Y

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MINUTES of GENERAL MEETING
Mt. Diablo Amateur Radio
Club
October 9, 1992 8:00 PM

Board Members present:

Pres.	Pete Tormey
Vice Pres.	Richard Shappee
Treas.	Stan Christian
Secty.	Walt Ebbett
E.C.	Skip Slates
Directors:	Larry Gansz

Meeting opened with Pres. Pete asking if we want a Big Convention? A resounding YEAH! resulted.

Two Visitors were introduced.

Minutes approved as corrected. Pres. Pete not present at last meeting--meeting conducted by V.P. Board Minutes should have read Larry Gansz instead of Pete Tormey as board member for 1993.

Upgrades were announced and a Happy Birthday to Lauren Styles.

Secty. Walt Ebbett read an article from current Saturday Evening Post entitled "The Patient Who Could'nt Speak." Written by a Dr. who has been a ham since age 11. It is a tribute to amateur radio and also why all hams should learn the code.

Pres. Pete showed a photo copy of the PacifiCon '92 program, with 4 color cover. He also gave rundown on speakers and the Emergency Session on Friday eve. which is free to the public but not eligible for drawing unless you have a ticket. No ticket needed for V.E. Test Sessions.

Wayne Merryman pushed sign up for the special event station. Also a horse ride end of month.

Jim Pepper talked about the QRP class and radios that were built.

V.P. Richard talked about the Saturday nite program and the Wouf Hong initiation after the banquet.

Treas. Stan reported all bills paid and there is \$4118 bank

balance.

Jim Tittle says the Swap Meet is from 7am to 1pm. There will be refreshments furnished by Boy Scout Troop 239 from Pleasant Hill.

Paul Girard will be on an ATV net via satellite pushing PacifiCon '92, this weekend.

Bruce Smith talked about the Special Event Station.

Tim Barrett remarked that we all should say "See You at Pacific Con '92" when we close down.

Ray Bryant gave a demo on the Foot and Fanny Key.

Pres. Pete says we are looking for 2,000 to 2500 hams in attendance at the convention. He also said we should be thinking about special interest groups (xmtr hunts, building eqpt., etc.) during the next few months.

A thank you was given to Jeff Jones who is running the classes and Jim Pepper for the QRP classes at his home. 10 people in the class and an estimated 3 days class was stretched out.

Candidates on the ballot were introduced.

Paul Girard auctioned off rooms at the Hilton that the club had available. It was a hilarious auction. V.P. Richard 1 room; Jerry AA4JK 1 room and Bill Hockins a suite of 2 room for 2 nites.

Meeting concluded with showing of ATV PacifiCon '92 promos. A lot of laughs.

Meeting adjourned at 10pm after the raffle.

Respectfully submitted,
Walter W. Ebbett, Jr.



ANTENNA CONSTRUCTION CLASS

Raymond Gaschk, KD6BLS, will be teaching a hands-on antenna class starting on Saturday, January 30, 1993. Preliminary plans call for the fabrication and construction of a 2 meter log periodic. This antenna was design was the subject of an article in the May 1992 issue of 73 Magazine. A sample of this design will be available for inspection at the November Membership meeting.

The antenna has 5 elements, is 25.5 inches long, has a gain of 9 dB, and a front-to-back ratio of 15 dB. The antenna is easy to fabricate and construct, performs great, doesn't require any tuning if built to design, has a good SWR over the entire two meter band, and only weighs 1 LB!

Construction will require some metal work; cutting, drilling and running threads with aluminum rod and tubing. The participant will need to have, or have access, to a hack saw, measuring tape, a die (size dependent on size of aluminum rod used for elements), drill or drill press, 3/8 and 7/16 open end wrenches and #1 and #2 Phillips screw drivers.

We will need a minimum of 10 amateurs to hold this hands-on class and class size will be restricted to a maximum of 20 participants. Make your reservations early. If more than 20 amateurs sign-up, then another class will be considered.

If your interested, then contact Raymond Gaschk, KD6BLS, at (510)933-3242. The cutoff date for registration will be December 31, 1992. Once everyone is registered, Ray will order the materials and issue further instructions. The cost of the materials to build the 2 meter antenna is \$26. Please include a check for this amount with your registration. Checks may be mailed to Ray at 2680 Cherry Lane, Walnut Creek, CA 94596-2161.

Please contact Ray if your interested in building other VHF or UHF antennas. If there's enough interest, 220 and 440 log periodic or other antenna designs may be included or scheduled for other construction classes.

I personally took a 5 element log periodic 2 meter antenna on a week long Jeep trip to the John Muir Wilderness Area last Summer. Its compact size and light weight made it ideal for field use. Its performance was excellent allowing me to access many repeaters in both the Bay and Fresno areas while traversing the Ersham Trail in the Sierra Nevada mountains above Fresno. On several occasions I carried the antenna on climbs to the top of 10,000 foot mountain peaks where reaching the repeaters on Mount Diablo with 3 watts from a hand held was S-9. If any one's interested in more details on this antenna or in seeing pictures of its use on my trip, give me a call at (510)798-1251.

Greydon Hicks, KC6SLE

The Mount Diablo Amateur
Radio Club

P.O. Box 23222
Pleasant Hill, CA 94523

Meetings:
Third Friday Each Month
8:00 PM / 2000 hours
Our Savior Lutheran Church
1035 Carol Lane, Lafayette, CA

Club Officers

President:

Pete Tormey, N6QGN
(510) 680-0920

Vice President:

Richard Shappee, WA5HQJ
(510) 682-1644

Secretary:

Walter Ebbett, KB6QIB
(510) 837-2204

Treasurer:

Stan Christian, WU6P
(510) 672-0330

Membership Chairman:

George Jones, KI6YK
(510) 837-9316

Emergency Coordinator:

Skip Slates, KC6JEM
(510) 944-9749

Directors:

Dick Brown, KT6X
(510) 676-9048

Larry Gansz, KB2GV
(510) 356-2411

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Bill Hall, KB9M

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George Jones, KI6YK
(510) 837-9316

West County - 145.110/-
Robert Hughes, N6SPY

(510) 527-7048

QSY to 147.735/- at 1920 Hours

Meeting of all County

ARES\RACES Nets

The Rocky Ridge Repeater
Group

P.O. Box 23222
Pleasant Hill, CA 94523

Next Meeting:
Third Wednesday Of Odd Months
8:00 PM / 2000 hours
Contra Costa Fire College
2945 Treat Bld., Concord, CA

Club Officers

Chairman:

Paul Girard, KC6TZU
(510) 689-2346

Technical Chairman:

Mike Burke, KB6RMT
(510) 682-7296

RRRG Repeaters

147.060/+(100 pl)

224.780/-(077 pl)

441.325/+(100 pl)

ATV - Input - 1253.250

Output - 427.250 (Cable CH 58)

RRRG Nets

Phone Net - Thursdays

1930 Hours, 147.060/+(100 pl)

Net Control: Jay Caldis, KT6Y

ATV Net - Thursdays

2000 Hours, Net Control:

Mike Burke, KB6RMT,

Alt.: Don Smith, W6NKF,

2nd Alt.: John Cunningham, KC6KIQ

Contra Costa County
Emergency Services HF Net

First Thursday following
first Wednesday,

2000 Hours, 3.895 MHz

Net Control:

Hank Berriman, W6ZHY, AEC

Carrier

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Sheriffs' Uniform Reserve

Clay Yale, N6YBQ

(510) 228-8223

CALENDAR OF EVENTS

Livermore Swapmeet	Las Positas College Livermore	First Sunday Each Month All Year, 7AM to Noon
RRRG General Membership Meeting	Contra Costa Fire College, 2945 Treat Blvd., Concord	November 18, 1992
MDARC General Membership Meeting	Our Savior Lutheran Church 1035 Carol Ln., Lafayette	November 20, 1992
Deadline for December Carrier Articles	NA	December 1, 1992
MDARC Christmas Party	Our Savior Lutheran Church 1035 Carol Ln., Lafayette	Friday, 6:00 p.m., December 18, 1992

The Carrier
a newsletter of the
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P.O. Box 23222
Pleasant Hill, CA 94523



FIRST CLASS MAIL

